

RUNCORN RURAL DISTRICT

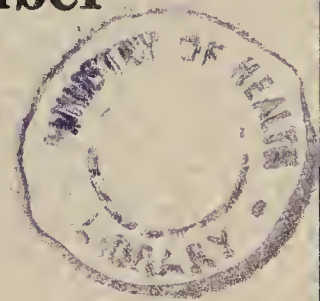
ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE

**Year ending 31st December
1960**



O. C. Kemp. Frodsham 3213

RURAL DISTRICT AUTHORITY OF RUNCORN

ANNUAL REPORT

1960

by

J. L. PATTERSON, M.B., Ch.B., D.P.H.

Medical Officer of Health
Runcorn Urban and Rural Districts

OFFICIALS OF PUBLIC HEALTH DEPARTMENT

- (1) Medical Officer of Health Runcorn Urban and Rural Districts**
- (2) Divisional Medical Officer of Health.**
Divisional School Medical Officer (Runcorn Division).
J. L. PATTERSON, M.B., Ch.B., D.P.H.

Public Health Inspectors and Meat and Food Inspectors :

- D. BOOTHMAN, M.A.P.H.I., Senior Public Health Inspector.**
National Certificate in Building.
Certified Public Health Inspector (R.S.I. and S.I.E.J.B.).
Certified Inspector of Meat and other Foods (R.S.I.)
Certified Smoke Inspector (R.S.H.).
Offices : Public Health Department, Castle Park, Frodsham.
Telephone No. Frodsham 2186.
District Office : Sandy Lane, Stockton Heath.
Telephone No. Stockton Heath 1886/7.
Residence Telephone No. Frodsham 2219.
- G. F. SIXSMITH, Additional Public Health Inspector.**
Certified Public Health Inspector (R.S.I. and S.I.E.J.B.).
Certified Inspector of Meat and other Foods (R.S.I.).
Certified Smoke Inspector (R.S.H.).
Housing Management Certificate (The Institute of Housing).
Diploma in General Hygiene Advance (R.I.P.H. & H).
Residence Telephone No. Warrington 32465.
- D. E. JONES, M.A.P.H.I., Additional Public Health Inspector.**
Certified Public Health Inspector (R.S.I. and S.I.E.J.B.).

Pupil Public Health Inspector:

A. C. BARKER appointed 1st March, 1960.

Clerical Duties :

Mrs. B. HAYES.

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RURAL DISTRICT OF RUNCORN, 1960

From 24th May, 1960.

Chairman of the Council :

COUNCILLOR MRS. J. A. GLOVER, J.P.

Vice-Chairman of the Council :

COUNCILLOR Mrs. E. STANSFIELD, J.P.

Health Committee:

Chairman:

COUNCILLOR C. HOLDEN

Vice-Chairmen :

COUNCILLOR T. RATHBONE, resigned 21-11-60.

COUNCILLOR A. JONES, C.C.

Councillor Mrs. K. I. Dewes

Councillor J. Hunt

„ H. R. Done

„ H. Jackson

„ G. J. Ford

„ J. W. Kirkham

„ J. Garner

„ R. E. Payton, C.C.

„ H. Helsby

„ W. H. Stubbs

A. L. Bartholomew (from 20-12-60).

Ex-Officio : Chairman and Vice-Chairman of the District Council

OFFICERS :

Solicitor/Clerk of the Council :

Mr. R. PATRICK WILLIAMS, Frodsham.

Engineer and Surveyor :

Mr. B. PRESTON, B.Sc., A.M.I.C.E., M.I.Mun.E., Frodsham

Introduction

TO THE CHAIRMAN AND MEMBERS OF THE
RURAL DISTRICT COUNCIL OF RUNCORN

Mr. Chairman, Ladies and Gentlemen,

I have the honour to submit the Annual Report of the Medical Officer of Health for 1960.

The Infantile Mortality Rate of 18.95 compares favourably with last year's figure of 24.09.

There were 326 cases of measles and 71 of whooping cough during the year.

Coronary Thrombosis caused 104 deaths of which 12 were in men under 55 years of age. The disease continues to present a formidable challenge to preventive medicine but unfortunately its causes remain obscure.

Chronic Bronchitis caused 18 deaths. This figure reflects the pollution of the air we breathe. Its reduction will follow the spread of clean air.

Lung Cancer—18 deaths. So long as people continue to smoke the present epidemic of lung cancer will go on.

The Public Health Inspectorate continues to work hard and unobtrusively to maintain a healthy environment. Their efforts have achieved much success particularly in the field of food hygiene. They have spent time educating shop-keepers on the need for clean food handling and in seeing that the Regulations are obeyed. It is a pity that in some built up areas their efforts have been less effective than they could be, because the shop-keepers have not been able to get rid of refuse from their premises more than once weekly. A twice weekly collection of trades refuse from food premises in built up areas is advised.

The removal and disposal of refuse are matters of importance to public health. Nuisance can arise from the smell of decaying matter which can also form a breeding ground for disease carrying insects and rodents. These dangers can be avoided by a strict routine of fully controlled tipping which should be carried out in this district. The Council should set a high standard in the disposal of refuse to prevent nuisance and maintain amenity. This matter has been reported repeatedly in previous Annual Reports.

The smell of the Manchester Ship Canal has remained a serious nuisance. It is almost intolerable in warm weather to people living near it. The main problem is to get all the sewage and industrial effluents which are discharged into the canal and its feed rivers treated to a satisfactory standard. The present rate of progress towards this end is far too slow.

Many thanks are due to the Senior Public Health Inspector and to all the Public Health Department staff who have worked so well during the year.

SECTION A

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

(a)	Area (in acres)	45,552
(b)	Estimated population—Mid Year (Registrar-General)	38,960
(c)	Number of inhabited houses (end 1960) according to the Rate Book	13,112
(d)	Rateable Value of the District (31/3/61)	£461,821
(e)	Sum represented by one penny rate (actual) net 1960/61	£1881 16s. 2d.
(f)	Average number of persons per inhabited house (estimated population)	2.97
(g)	Density of population. Number of persons per acre (estimated population)	0.85

Social Conditions

Agriculture and dairy farming are the chief industries of the district, other industries are electric cable, electrical fittings, steel tube works, wire works, flour mills and jam works. Sand quarrying is being carried on in the district, chiefly at Whitley and Moore.

Parts of the district are mainly residential.

Unemployment.—Exact statistics are not available for this area as the figures obtained by the local offices of the Ministry of Labour related to the areas served by such offices and these areas are not identical with the Runcorn Rural District. The incidence of unemployment, however, was low in the area.

Many of the inhabitants are employed in industrial areas outside the district.

Children's Homes.—There is a National Children's Home at Frodsham and an open-air Convalescent School for Jewish children at Norley.

VITAL STATISTICS

Area Comparability Factors	Births : 1.00
	Deaths : 1.02
Population (Mid-year Estimated)	38,960

	Total	M.	F.
Live Births—Legitimate	667	321	346
Illegitimate	19	9	10
	<hr/>		
Total	686	330	356
	<hr/>		

Live Birth Rate per 1,000 of the estimated resident population 17.6
 Illegitimate live births per cent of total live births 2.76%

Still Births—

	Total	M.	F.
Legitimate	12	4	8
Illegitimate	—	—	—
	<hr/>		
	12	4	8
	<hr/>		

Still Birth Rate per 1,000 live and still births 17.19
 Total live and still births 698
 Number of Infant Deaths (deaths under one year of age)—

	Total	M.	F.
Legitimate	12	9	3
Illegitimate	1	—	1
	<hr/>		
	13	9	4
	<hr/>		

Infant Mortality Rates

Total Infant Deaths per 1,000 total live births 18.95
 Legitimate Infant Deaths per 1,000 legitimate live births 17.99
 Illegitimate Infant Deaths per 1,000 illegitimate live births 52.63
 Neo-Natal Mortality Rate (Deaths of Infants under 4 weeks
 (9) per 1,000 total live births) 13.11
 Early Neo-Natal Mortality Rate (Deaths of Infants under 1
 week (8) per 1,000 total live births) 11.66
 Perinatal Mortality Rate (Still births and deaths of infants
 under one week combined (20) per 1,000 total live
 and still births (698) 28.65

Maternal Mortality (including Abortion)

Number of Deaths Nil
 Rate per 1,000 total live and still births Nil

Summary of Deaths of Infants under 1 year of age

1(a) Meningitis Male aged 1 month
 1(a) Acute myocarditis, (b) Virus
 infection Male aged 10 months

1(a)	Broncho pneumonia	....	....	....	Male aged 7 months
1(a)	Spina Bifida	....	....	....	Male aged 1 week
1(a)	Asphyxia, (b) Strangulation by a ligature	....	....	....	Female aged 1 day
1(a)	Atelectasis	....	....	....	Female aged 4 hours
1(a)	Prematurity	....	....	....	Male aged 4 hours
1(a)	Cerebral haemorrhage	....	....	....	Male aged 1 day
1(a)	Prematurity	....	....	....	Male aged 3 days
1(a)	Pneumonia	....	....	....	Female aged 1 month
1(a)	Asphyxia Alba Neonatorum	....	....	....	Female aged 45 minutes
1(a)	Intracranial haemorrhage	....	....	....	Male aged 30 minutes
1(a)	Asphyxia pallida (Natural causes)	....	....	....	Male aged 30 minutes

DEATHS, 1960

Total Deaths	....	....	....	....	....	....	....	....	454
Death Rate per 1,000 population	....	....	....	....	....	....	....	....	11.65
Common causes of death :—									

Heart Diseases—

Coronary Disease; Angina	....	....	104
Hypertension with Heart Disease	....	....	12
Other Heart Diseases	....	....	49

165

Lung Cancer	18
Other Cancers	65

83

Vascular lesions of the nervous system	46
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COMPARISON RATES

Year	Population	Birth Rate	Death Rate	Infantile Mortality Rate
1950	35,580	13.91	10.72	20.20
1951	35,510	13.83	13.89	48.88
1952	35,520	13.86	11.38	20.32
1953	35,800	13.63	10.28	22.54
1954	36,260	13.59	12.58	24.34
1955	36,810	13.36	11.49	14.22
1956	37,080	14.10	11.84	24.85
1957	37,470	15.55	11.10	12.00
1958	37,850	15.61	11.25	21.99
1959	38,140	15.20	11.58	24.09
1960	38,960	17.60	11.65	18.95

SECTION B

GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA

1. Public Health Officers

The names and qualifications, districts, addresses and telephone numbers are given at the beginning of the Report.

2. Laboratories

Facilities are given by :

The Public Health Laboratory, City Hospital, Chester.

The Public Health Laboratory, Mount Pleasant, Liverpool.

The Public Health Laboratory, Monsall Hospital, Newton Heath, Manchester.

The Public Health Laboratories at Warrington and Chester Royal Infirmarys.

To the Chairman and Members of the
Runcorn Rural District Council

Mr. Chairman, Ladies and Gentlemen,

I again thank the Medical Officer of Health for the opportunity to present this part of the report on environmental health work of the Department, Sections C, D, and E.

The staff remains the same in number, a new pupil was appointed in March to replace a vacancy and the Department's general activities have followed the pattern of recent previous years.

Detailed inspection and reports to the Council were completed on the first batch of four Clearance Areas comprising 29 houses in the 1960-1965 housing programme. Further progress awaits the provision of more Council houses to deal with displaced tenants, the Council have been concerned with the acquisition of land for that purpose.

The Slaughterhouse Report was prepared and approved by the Council, the appointed day being 1st January, 1962. Many discussions took place with the owners of the three existing slaughterhouses on the alterations and improvements necessary. Inspection of all animals slaughtered in these slaughterhouses was maintained.

During the later part of the year, much administrative work was done on Caravan Sites in co-operation with the Planning Authority. Various meetings were attended where policy and application of the Model Standards were discussed at County level.

D. BOOTHMAN,
Senior Public Health Inspector.

SECTION C

1. Water

Comment by the Water Engineer and Manager of Warrington Corporation, the Water Undertaking for the whole of the district except Halton, which is served by the Runcorn and District Water Board is as follows:—

- “(i) The water supplied to the consumers in the area and its several parts has been satisfactory in quality and quantity.”
- “(ii) No treatment, other than chlorination, is given to the water of which 129 bacterial and 9 chemical samples were taken during the year.”
- “(iii) The waters do not have any plumbo-solvent action.”
- “(iv) In the early part of the year coliform organism and *Clostridium Welchii* appeared at source in the Newton Hollow supply. This was traced to a choked outlet drain on a septic tank. The drain was relaid and the bacteria were eliminated. The water going into supply was chlorinated, and the machines duplicated, so that consumers were afforded a sterilised supply even though the source was unsatisfactory during this time.”

Mains supplies and results of chemical analysis and bacteriological examinations are as follows. Parishes refer to the main areas; outlying portions of parishes may be connected to other mains.

Chemical Analyses	Helsby Well (no treatment) to Alvanley, Helsby		Liverpool Vyrnwy to Aston, Walton, and part of Stockton Heath		Runcorn and District Water Board to Halton		Mid and South East Cheshire Water Board to Budworth Village and Ball Lane, Kingsley.		Warrington Harrol Edge and High Warren Reservoirs to all other parishes	
	6.9.60 Clear and Colourless Nil pH 7.4		17.7.56 Clear and Colourless Nil pH 6.4		11.11.59 Clear and Colourless Nil pH 6.6		13.5.58 Clear and Colourless Nil pH 7.1		Foxhill Pumping Station 2 parts 6.9.60 Clear and Colourless Nil pH 7.13	
Date .. .. .	..	..	..	..	..	..	..	..	..	..
Appearance .. .. .	..	..	..	..	..	..	..	..	..	..
Odour .. .. .	..	..	..	..	..	..	..	..	..	..
Re-action .. .. .	..	..	..	..	..	..	..	..	..	..
Parts per million										
Total solids	326	65	73	230	328	216	0.00	0.00	0.00	0.00
Nitrogen as free and saline ammonia	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nitrogen as albuminoid ammonia	Nil	Nil	Negligible	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Nitrogen as nitrites	1.25	0.75	0.00	4.5	3.0	3.0	4.5	3.0	3.0	3.0
Nitrogen as nitrates	43	9.5	12	25	83	27	25	83	27	27
Chlorides as Cl .. .. .	..	..	..	..	..	..	..	..	..	..
Oxygen absorbed from permanganate in four hours at 27°C.	0.33	1.3	0.86	0.00	0.23	0.165	0.00	0.23	0.165	0.165
Total hardness	209	16	26	155.5	123	134	155.5	123	134	134
Temporary hardness	190	12	18	118	90	112	118	90	112	112
Permanent hardness	19	4	8	37.5	33	22	37.5	33	22	22
Alkalinity	190	12	18	—	90	112	—	90	112	112
Free chlorine	Nil	Nil	Nil	Nil	Nil	0.12	Nil	Nil	0.12	0.12
Poisonous metals	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Potassium, as K	2.5	..	..	..	..	..	..	..	..	..
Manganese, as Mn	Less than 0.025	..	..	..	..	..	..	..	..	..
BACTERIOLOGICAL EXAMINATION :—	9.8.60	19.8.58	8.9.60	11.8.60	9.8.60	23.8.60	9.8.60	9.8.60	23.8.60	23.8.60
No. of organisms per ml. capable of growth on nutrient agar at 37°C in 48 hours	Nil	..	..	..	..	..	..	..	..	..
No. of organisms per ml. capable of growth on nutrient agar at 20/22°C. in 3 days	Nil	..	..	..	..	..	..	..	..	..
Probable No. of coliform organisms per 100 mls.	Nil	..	..	..	..	..	..	..	..	..
Probable No. of faecal coli per 100 mls.	Nil	..	..	..	..	..	..	..	..	..
Report	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory

Analyst's Opinion

Helsby 6.9.60.—The chemical analysis of this water is satisfactory.

Liverpool Vyrnwy 17.7.56.—The chemical analysis of this water is satisfactory.

Runcorn and District Water Board 11.11.59.—The chemical analysis of this water is satisfactory.

Mid and South East Cheshire Water Board 13.5.58.—The chemical analysis of this water is satisfactory.

Warrington Harrol Edge and High Warren Reservoirs 6.9.60.—The chemical analysis of this water is satisfactory.

Private water supplies are bacteriologically examined at least twice per year. Where, as a result of such sampling, the supplies have been established as unsatisfactory, notices advising that the water be boiled or chlorinated before drinking, dietetic and dairy purposes are sent and repeated quarterly to the owners and occupiers.

Where farms and farm cottages are concerned, the owners are strongly advised to obtain a mains supply with the assistance of the Cheshire Agriculture Committee under the Agricultural (Misc. Prov.) Act, 1944, Sec. 5.

Mains extensions were carried out for new housing development.

<i>Parish</i>	<i>(a) Public Water Mains</i>		<i>(b) Private Supplies</i>		<i>Wells and Springs</i>			
	<i>Direct to House</i>		<i>Private Water Mains</i>		<i>Good quality</i>		<i>Suspicious or unsatisfactory quality</i>	<i>Population</i>
	<i>Houses</i>	<i>Population</i>	<i>Houses</i>	<i>Population</i>	<i>Houses</i>	<i>Population</i>	<i>Houses</i>	
Alvanley	107	317					3	9
Antrobus	230	682					5	15
Appleton	1442	4284					1	2
Aston	47	138						
Budworth (Great)	122	386	27	80				
Daresbury	92	274						
Dutton	98	292			1	3	1	3
Frodsham	1903	5651						
Grappenhall	2503	7434						
Halton	470	1396						
Hatton	100	295			1	4	2	6
Helsby	1146	3403						
Kingsley	377	1117	6	17	2	8	2	6
Manley	156	463			1	3		
Moore	182	541						
Norley	301	893			1	3		
Norton	17	49						
Preston Brook	146	433						
Stockton Heath	2464	7318	25	75			2	6
Stretton	153	454	1	4				
Sutton	259	769					2	6
Walton	527	1565						
Whitley	183	543	3	9				
TOTALS	13025	38697	10	30	6	21	18	53

2. Drainage and Sewerage

Kingsley—Tenders were sought for work to commence in 1961.

Frodsham—Hares Lane Pumping Station. The scheme is almost completed.

Other matters requiring attention in the future are:—

1. Helsby—new intercepting sewer and sewage disposal works extensions.
2. Great Budworth—sewers and sewage disposal works.
3. Stretton—sewage disposal improvements.
4. Acton Grange—works enlargements.
5. Moore—sewage disposal improvements.
6. Grappenhall, Stockport Road—sewers.
7. Norley—sewers and sewage disposal works.

When septic tanks are installed it is important that adequate filtration or subsoil irrigation is provided to prevent pollution of watercourses and ditches. In addition, the septic tanks should be maintained and desludged at regular intervals. Many inspections have been carried out in connection with existing installations and in giving advice on new proposed works.

3. Rivers and Streams.

Pollution of ditches and streams remains a problem owing to the erection of new houses, improved sanitary appliances to existing houses and improved milk and dairy technique in parishes without sewers. Private owners are advised on the best type of septic tanks and filters for their property. Where such properties are in groups, the only final satisfactory solution is the provision of a sewer and sewage disposal works. Liquor from cowsheds and silage pits presents a particularly difficult problem where it is not collected and returned to the land as manure. With the continued improvement of farm premises, usually involving more intensive animal husbandry, farmers are faced with the fact that the foul drainage must be dealt with in such a manner to avoid nuisance and pollution of ditches and watercourses. Consideration should be given to receiving farm drainage into sewers as a trade effluent.

The two cesspool emptying vehicles are used for desludging septic and settling tanks on Council and Private property, and for the collection of nightsoil.

The Council give a free service for emptying wholly domestic septic tanks once per year as before, the applicant to have the access covers of the tanks loosened and opened up in readiness. Difficulty is experienced in keeping pace with the demand. The charge for industrial and farm liquor tanks remains at 30/- per hour.

All owners of properties having septic tanks have been invited to make use of this service.

Where plans are submitted to the Engineer and Surveyor involving drainage systems not connected to a public sewer, the observations of this department have been sought on the efficiency of the proposed drainage disposal.

The pollution of the non-tidal section of the Manchester Ship Canal continues, and causes objectionable odours after a prolonged period of warm weather (reported to the appropriate Rivers Board who have the matter under consideration).

4. Closet Conversions

21 conversions to the water carriage system were carried out (13 of these were included in Improvement Grants). Where this has been done voluntarily by the owners and is not part of an Improvement Grant the Council has, when requested, paid a grant up to £15, provided that where a public sewer is not available the owners will, at their own expense, connect to a public sewer when it becomes available. The Council decided not to increase this grant, since the more generous Improvement Grants are available.

5. Public Cleansing

This service is carried out by the Engineer and Surveyor under direct labour. Disposal is by tipping and levelling with earthing over at intervals at two main tips and several smaller ones.

The tip at Thelwall was completed towards the end of the year, and the use of worked-out sand pits at Whitley was negotiated as a replacement.

Mechanical shovels are used to level the tips. Limiting the area of tipped face and sealing with covering material as advised for controlled tipping is not practised, consequently nuisance can arise from insects, rats and dispersal of paper. This department advises routine treatment of the tips with insecticide Spring to Autumn. However, intense fly infestation built up in the late summer at Rocksavage tip affecting nearby property. Heavy application of insecticides and a fortunate fall in atmospheric temperature brought the nuisance under control in about two weeks.

The cesspool emptying vehicles are adapted for the collection of the contents of pail closets and enables the collection and disposal of the nightsoil by discharging into the sewers to be carried out with the minimum of nuisance.

6. Sanitary Inspection of the Areas

Nature of Inspections										No. of Inspections
Dwelling Houses (Housing Acts)	....	....	....	....	....	....	....	....	....	312
Dwelling Houses (Public Health Acts)	....	....	....	....	....	....	....	....	....	317
Dwelling Houses (Rent Act)	....	....	....	....	....	....	....	....	....	7
Dwelling Houses (Improvement Grants)	....	....	....	....	....	....	....	....	....	243
Dwelling Houses (Housing Applications)	....	....	....	....	....	....	....	....	....	56
Schools	....	....	....	....	....	....	....	....	....	3
Movable Dwellings	....	....	....	....	....	....	....	....	....	172
Water Supplies—Samples	....	....	....	....	....	....	....	....	....	50
Other Inspections										12
Closet Conversions	....	....	....	....	....	....	....	....	....	11
Cesspools and Septic Tanks	....	....	....	....	....	....	....	....	....	89
Sewer Connections	....	....	....	....	....	....	....	....	....	4
Sewers and Drains	....	....	....	....	....	....	....	....	....	381
Colour Tests	....	....	....	....	....	....	....	....	....	31
Ditches and Watercourses	....	....	....	....	....	....	....	....	....	59
Refuse Collection and Disposal	....	....	....	....	....	....	....	....	....	39
Streets, Yards and Passages	....	....	....	....	....	....	....	....	....	2
Foul Accumulations	....	....	....	....	....	....	....	....	....	11
Tipping on Waste Land	....	....	....	....	....	....	....	....	....	10
Vermin : Rats and Mice	....	....	....	....	....	....	....	....	....	85
Insects	....	....	....	....	....	....	....	....	....	35
Keeping of Animals	....	....	....	....	....	....	....	....	....	8
Dairies and Milk Retailers	....	....	....	....	....	....	....	....	....	6
Milk Samples	....	....	....	....	....	....	....	....	....	9
Factories and Workshops	....	....	....	....	....	....	....	....	....	20
Bakehouses	....	....	....	....	....	....	....	....	....	6
Shops and Food Stores	....	....	....	....	....	....	....	....	....	274
Food Inspection—Shops	....	....	....	....	....	....	....	....	....	92
Meat Inspection—Slaughterhouses	....	....	....	....	....	....	....	....	....	417
Canal Boats	....	....	....	....	....	....	....	....	....	—
Infectious Disease Enquiries	....	....	....	....	....	....	....	....	....	222
Mortuaries	....	....	....	....	....	....	....	....	....	14
Petrol Stores	....	....	....	....	....	....	....	....	....	213
Miscellaneous	....	....	....	....	....	....	....	....	....	129
Divisional Health Matters	....	....	....	....	....	....	....	....	....	30
Interviews with Builders, Owners, etc.	....	....	....	....	....	....	....	....	....	138
Ice-Cream Samples	....	....	....	....	....	....	....	....	....	14
Ice-Cream Premises	....	....	....	....	....	....	....	....	....	24
Clean Air Act	....	....	....	....	....	....	....	....	....	29
										<hr/> 3574 <hr/>

SHOPS

7. Shops Act, 1950

No. employing persons	151
No. employing members of own family only	165
	<hr/>
	316
	<hr/>

8. Clean Air Act, 1956

The Council are members of the National Society for Clean Air; and have adopted the Model Byelaws that domestic appliances installed in new buildings shall be capable of burning smokeless fuel or otherwise capable of smokeless operation.

Smoke Control Areas have not been set up. The Council consider this would best be done when the adjoining built-up Authorities develop their Smoke Control Areas contiguous to this District.

A limited amount of observation on industrial boilers has been carried out; by and large the plants as operated do not contravene the regulation for permitted discharge of black and dark smoke.

Shipping on the Manchester Ship Canal emits black smoke, a problem which is being dealt with by the Port Health Authority. Any observations of particular offenders are referred to that Authority. Some improvement was effected during the year.

Noxious odours from industrial works are the subject of complaints from time to time. Those from oil refineries outside the district have not been troublesome during the year. There have been occasional incidents of short duration when the wind has been from the works towards Helsby and Frodsham, fortunately not the prevailing wind.

One other works in Warrington, the subject of complaints the previous year has given little trouble, contact is maintained with the management concerning the problem.

The Manchester Ship Canal emits offensive smells during warm weath, but in the summer of this year the trouble was not prolonged. The water in the canal during the dry weather is practically all sewage or industrial effluent.

9. Rats and Mice Destruction

The Senior Public Health Inspector acts as Rodent Officer—one full time Rodent Operative is employed.

Farms are not treated by this Authority in general, except where the farm premises adjoin built-up areas, where block treatment with adjacent properties is essential to achieve control.

Farmers are supplied with Warfarin on charge when requested and advice is always available. Inspections are carried out under the Prevention of Damage by Pests Act, 1949.

Two private contractors have ceased operation but the larger servicing firms are available.

Treatment was offered to industrial premises at a charge of cost of labour and materials. Some of these, schools, and one cooking depot, receive treatment as required on this basis. 20 others preferred to enter into contracts as before. Dwelling-houses receive free treatment unless the infestation is due to lack of hygiene or the unsatisfactory keeping of animals or poultry, in which case a charge is made. Warfarin with an oatmeal and wheatmeal base was used with satisfactory results.

Some 1,027 properties were inspected, and of these 537 were treated.

The Council has 17 tips, sewage outfalls and properties which receive treatment as required. The sewer systems in Appleton, Daresbury, Frodsham, Grappenhall, Halton, Hatton, Helsby, Moore, Stockton Heath, Sutton and Walton were test baited and infestation was found in Frodsham, Grappenhall, Halton, Helsby, Stockton Heath and Walton to a limited degree. The infested portions received two maintenance treatments.

(10) **FACTORIES ACTS, 1937 and 1948**
Home Office Form 572 (revised)

Inspections for purposes of provisions as to health, including inspections made by Public Health Inspectors

<i>Premises</i> (1)	<i>Number on Register</i> (2)	<i>Number of</i>		
		<i>Inspections</i> (3)	<i>Written Notices</i> (4)	<i>Occupiers Prosecuted</i> (5)
1. Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	26	2	1	—
2. Factories not included in (1) in which Section 7 is enforced by the Local Authority	84	24	2	—
3. Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	20	—	—	—
TOTAL	130	26	3	—

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred		
			To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1) ...	—	—	—	—	—
Overcrowding (S.2) ...	—	—	—	—	—
Unreasonable temperature (S.3) ...	—	—	—	—	—
Inadequate ventilation (S.4) ...	—	—	—	—	—
Ineffective drainage, floors (S.6) ...	—	—	—	—	—
Sanitary Conveniences (S.7) :					
(a) insufficient ...	—	—	—	—	—
(b) unsuitable or defective ...	2	2	—	1	—
(c) not separate for sexes ...	—	—	—	—	—
Other offences against the Act (not including offences relating to Out-work) ...	—	—	—	—	—
TOTAL ...	2	2	—	1	—

All factories are entered in the register kept for the purpose. Number of Outworkers—3 employed in the making of wearing apparel and curtains. No action taken during the year.

11. Swimming Baths

There are no Public Swimming Baths in the District.

12. Caravan Sites

The Caravan Sites and Control of Development Act, 1960 came into operation and the Model Standards were issued.

All existing sites were re-inspected and application forms sent out to the occupiers of the land. Close liaison was maintained with the Planning Authority. Discussion took place at several technical committees and other meetings at County level on the general application of the new legislation.

My Council accepted in general the County Planning Officer's recommendations, in brief that 34 sites for 427 caravans should remain and that 27 sites for 67 caravans should be discontinued by enforcement action or under Section 26 of the Town and Country Planning Act, 1947. The general policy being to prevent and reduce the indiscriminate spread of caravans on small sites and concentrate on fewer larger sites .

The Council also decided to apply the full model standards to completely residential sites and to reduce these for mixed sites and recreational sites, aiming at as high a standard as practicable.

Caravan Sites

Number of licences in operation, Public Health Act, 1936, Section 269:—

	Year of 1960
(a) For Sites	21
(b) For fixed type dwellings sited on above Sites	6
(c) For other individual movable dwellings ...	35
Estimated maximum number of persons living in caravans in the area at one time, during the summer season 1960	842

13. Insect Pests

No houses were found to be infested with bed bugs. Other infestations dealt with were ants, wasps' nests, cock-roaches and house flies.

14. Schools

Inspections of unsound food were made when requested.

Routine preventative insecticide spraying was carried out at the canteens and kitchens three times, Easter, Whitsuntide and mid-summer, for the Education Authority.

15. Mortuaries

The mortuaries controlled by the Council at Frodsham and Stockton Heath are in a satisfactory condition. Minor improvements were carried out.

16. Canal Boats

None—Canals now used for pleasure craft.

SECTION D—HOUSING

1. New Houses brought into the Rate Book in 1960

Number of new houses erected by Local Authority and brought into the Rate Book	44
Number of new houses erected by other bodies and persons and brought into the Rate Book	306
	350

	New houses brought into the Rate Book.		No. of inhabited houses in Rural District
	Total per Parish,	Private Local Auth.	31st Dec., 1960
Alvanley	3	Nil	110
Antrobus	1	"	236
Appleton	11	"	1443
Aston	—	"	74
Budworth (Great)	1	"	122
Daresbury	1	"	92
Dutton	—	"	99
Frodsham	30	"	1904
Grappenhall	138	"	2503
Halton	5	"	470
Hatton	—	"	103
Helsby	61	44	1146
Kingsley	6	Nil	387
Manley	1	"	157
Moore	1	"	182
Norley	2	"	302
Norton	1	"	42
Preston Brook	—	"	149
Stockton Heath	42	"	2464
Stretton	—	"	155
Sutton	—	"	259
Walton	1	"	527
Whitley	1	"	186
TOTALS ...	306	44	13,112

2. Housing

Of the 1960-65 programme the first batch of 4 Clearance Areas comprising 29 houses were reported to the Council. 25 individual unfit houses were also reported.

8 Discretionary and 22 Standard Improvement Grants were granted, 27 to owner-occupiers.

There is further deterioration of other old tenanted property. As mentioned before, the financial incentive to owners to carry out a high standard of maintenance is lacking, further there is much difficulty in finding builders who will do jobbing work.

3. Rent Act, 1957

Particulars of applications for Certificates of Disrepair under the above Act are as follows:

PART I.

Applications for Certificates of Disrepair

1.	No. of applications for certificates	...	...	...	...	3
2.	No of decisions not to issue certificates	...	...	...	...	0
3.	No. of decisions to issue cerificates :					
	(a) in respect of some but not all defects	...	...	...	...	3
	(b) in respect of all defects	...	...	...	...	0
4.	No. of undertakings given by landlords under para. 5 of the First Schedule	...	...	...	...	1
5.	No. of undertakings refused by Local Authority under proviso to para. 5 of the First Schedule	...	...	...	...	0
6.	No. of certificates issued	...	...	...	...	1

PART II.

Applications for Cancellation of Certificates

7.	Application by landlords to Local Authority for cancellation of certificates	...	...	...	...	2
8.	Objections by tenants to cancellation of certificates	...	...	...	...	0
9.	Decisions by Local Authority to cancel in spite of tenants' objection	...	...	...	...	0
10.	Certificates cancelled by Local Authority	...	...	...	...	2

ANALYSIS OF UNFIT HOUSES
From 1st September, 1954 to 31st December, 1965

<i>Parish</i>	<i>Total—First and Second 5 Year Scheme No. of Houses</i>	<i>Demolished</i>	<i>Vacant</i>		<i>Demolition Order or Agreement not to relet but still occupied</i>	<i>Reconditioned or Improvements Commenced</i>
			<i>Agreement not to relet</i>	<i>Demolition Order</i>		
Alvanley	2	—	2	—	—	—
Antrobus	12	3	—	1	5	2
Appleton	14	—	4	—	—	1
Aston	13	2	3	—	2	2
Budworth (Great)	11	3	—	—	4	1
Daresbury	—	—	—	—	—	—
Dutton	7	—	1	1	5	—
Frodsham	167	32	10	7	7	—
Grappenhall	47	13	6	4	4	12
Halton	6	1	—	—	—	2
Helsby	46	18	—	1	1	2
Hatton	12	3	1	—	—	3
Kingsley	38	5	4	1	4	1
Manley	1	—	—	—	—	9
Moore	15	2	—	—	2	1
Norley	9	2	1	—	4	—
Norton	—	—	—	—	—	—
Preston Brook	5	2	2	—	—	—
Stockton Heath	32	9	2	—	—	—
Stretton	11	5	—	—	1	—
Sutton	14	4	4	2	3	2
Walton	1	—	—	—	2	1
Whitley	19	5	—	3	5	—
TOTALS	482	109	40	20	49	42

CLEARANCE AREAS AND INDIVIDUAL UNFIT HOUSES YEAR ENDING 31st DECEMBER, 1960

	Houses	Number of persons displaced	Families
Part A—Clearance Areas			
(Housing Act, 1957) demolished	14	11	4
Part B—Houses not included in Clearance Areas :			

Demolition and Closing Orders

(1) Housing Act, 1957

(a) Houses demolished as a result of formal or informal procedure under Section 17	34	60	25
(b) Houses closed in pursuance of an undertaking given by the owners under Section 17, and still in force	1	—	—
(c) Parts of buildings closed (Section 18)	—	—	—
	—	—	—
	49	71	29
	—	—	—

Repairs	Informal Action	Number of houses*
(2) Number of unfit or defective houses rendered fit during the period as a result of informal action by the local authority under the Public Health or Housing Acts ...	Action under Statutory Powers	52
(3) Public Health Acts. Number of houses in which defects were remedied after service of formal notices.		
(a) by owners		Nil
(b) by local authority in default of owners		Nil
(4) Housing Act, 1957 Number of houses made fit after service of formal notices (Sections 9, 16 and 24).		
(a) by owners		Nil
(b) by local authority in default of owners		Nil

*Note: A defective house remedied more than once during the period should be included once only.

6. Housing Act, 1957—Part IV.—Overcrowding

		1959	1960
(a)	i. Number of dwellings overcrowded at the end of the year	3	4
	ii. Number of families dwelling therein ...	6	6
	iii. Number of persons dwelling therein ...	34	34
(b)	i. Number of new cases of overcrowding reported during the year	2	1
(c)	i. Number of cases of overcrowding relieved during the year	1	1
	ii. Number of persons concerned in such cases	8	7
(d)	i. Particulars of any cases in which dwelling houses have become overcrowded after the Local Authority has taken steps for the abatement of overcrowding	Nil	Nil

SECTION E

INSPECTION AND SUPERVISION OF FOOD

1. (a) Milk and Dairies (General) Regulations

Number on the Register are :—

Dairies	2
Distributors	48

(b) Milk (Special Designation) Regulations

Licences issued :—

	Raw Milk T.T.	Heat Treated Milk Pasteurised	Sterilised
(a) Dealers	29	42	49
(b) Supplementary	5	9	8

The whole district is a "Specified Area" and only milk of the above designations may be retailed.

As from the 1st January, 1961, the Cheshire County Council will be responsible for the issue of Special Designation Licences.

Nine samples submitted to the Public Health Laboratory, were as follows :—

	No. of samples	No. of samples unsatisfactory
Methylene Blue (keeping quality raw milks)	3	—
Phosphatase (Heat Treated Pasteurised Milks)	4	—
Turbidity Test (Sterilised Milks)	2	—
Biological Test (Raw Milks)	3	—

2. Food Premises in Area

Grocer and General Stores	....	....	....	106
Greengrocer	....	....	....	21
Sweets	....	....	....	49
Butcher	....	....	....	23
Chemist	....	....	....	7
Fish and Chips	....	....	....	7
Wet Fish	....	....	....	7
Tripe	....	....	....	1
Cooked Meats	....	....	....	1
Cafe and Restaurant	....	....	....	19
Licensed premises with Catering	....	....	....	58
Confectioners—Bakers	....	....	....	14
				<hr/> 313

Number of Food premises registered under Section 16 of the Food and Drugs Act, 1955 :—

Ice-Cream—Sale only	....	....	....	115
Manufacture Hot Mix	....	....	....	Nil
Manufacture Cold Mix	....	....	....	1
				<hr/> 116
Preserved Foods—Jam Factory	....	....	....	1
Sausage and Cooked Meats	....	....	....	19
Meat Pies	....	....	....	11
Fish and Chips	....	....	....	7
				<hr/>
Total	....	....	....	38

47 inspections were made at Registered premises.

No special educational activity was undertaken, such as clean food guilds, or lectures on food hygiene, but advice is given in the course of inspections.

3. Ice-Cream

The hygiene of premises and personnel was satisfactory. There is only one manufacturer in the district, the complete cold mix method being used.

Samples of ice-cream were taken which were graded as follows :—

Ice-Cream—Grade 1	....	....	....	14
Grade 2	....	....	....	Nil
Grade 3	....	....	....	Nil
Grade 4	....	....	....	Nil

4. Meat and Other Foods

The Public Health Inspectors act as Meat Inspectors.

During the year visits made in respect of Meat and Food Inspection were 92 in shops and 417 in slaughterhouses.

No Meat Marking Scheme under Part III of the Public Health (Meat) Regulations, 1924, is in force in this district.

Three slaughterhouses are licensed, of which two are in regular use.

The quantity of food condemned in shops and canteens during the year was :—

							lbs.
Carcase Meat	....	....	....	....	....	....	149
Cooked Meat	....	..	....	....	....	....	233
Canned Meat	....	....	....	....	....	....	270
Canned Fruit	....	....	....	....	....	....	124
Canned Vegetables	....	....	....	....	....	....	65
Whole Egg Mixture		....	....	....	....	....	42
Milk	....	....	....	....	....	....	23
Flour and Cereals	....	....	....	....	....	....	30
							<hr/>
Total	....	....	....	....	....	....	840
							<hr/>

CARCASES INSPECTED AND CARCASSES OR PARTS CONDEMNED :

	Cattle excluding Cows	Cows	Cattle slaughtered as Reactors or under T. B. Order	Calves	Sheep and Lambs	Pigs	Horses
Number killed	430	120	63	959	2599	89	Nil
Number inspected	430	120	63	959	2599	89	Nil
<i>All diseases except Tuberculosis :</i> Whole carcasses condemned...	5	4	Nil	5	19	1	Nil
Carcasses of which some part or organ was condemned...	52	41	4	Nil	125	1	Nil
Percentage of the number inspected affected with dis- ease other than Tuberculosis	13.25%	37.5%	6.34%	0.53%	5.54%	2.24%	Nil
<i>Tuberculosis only :</i> Whole carcasses condemned...	1	Nil	Nil	Nil	Nil	Nil	Nil
Carcasses of which some part or organ was condemned...	18	15	32	1	Nil	1	Nil
Percentage of the number inspected affected with Tuberculosis	4.41%	12.5%	50.79%	0.10%	Nil	1.12%	Nil
Cysticercosis	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Meat Condemned

The amount of meat and edible offals condemned was :—
For tuberculosis 1,529 lbs.
For other causes 7,589 lbs.

Condemned Food Disposal

Meat and other foods are stained with a green dye and disposed of by collection by approved Contractors, and burying deep in the Council's Refuse Tips.

5. Adulteration, etc. Food and Drugs Act, 1955

I am indebted to the Chief Inspector of the Cheshire County Council for the following report of the work carried out by his department in the Runcorn Rural District under the Food and Drugs Act during the year 1960.

Samples obtained during the year ended 31st December, 1960.

	Number obtained	No. adulterated or not up to the required stand- ard of quality
Apples—Tasmanian	1	—
Asprin Tablets	1	—
Apples—Italian	1	—
Boric Acid Ointment B.P.	1	—
Beef—Potted	1	—
Bramble Jelly	1	—
Bicarbonate of Soda B.P.	1	—
Butter	1	—
Butter N.Z.	1	—
Cream—Tinned	1	—
Cider	1	—
Cheese Italian Gorgonzola	1	—
Coffee and Chicory Essence	1	—
Cheese Gouda F.C.	1	—
Cheese, Dutch Gouda	1	—
Cheese Canadian Cheddar	1	—
Eccles Cakes	1	—
Glucose Drink	1	—
Ice Cream	2	—
Iced Lolly	1	—
Jelly, Table	1	—
Milk	82	4
Meat Pudding—Tinned	1	—

Mineral Water	....	....	....	....	....	....	2	—
Margarine	....	....	....	....	....	....	1	—
Milk Condensed Spec. F.C.	....	....	....	....	....	....	1	—
Orange Drink	....	....	....	....	....	....	1	—
Olive Oil B.P. Standard	....	....	....	....	....	....	1	—
Pineapple—Tinned	....	....	....	....	....	....	1	—
Pork Roll Stuffed—Tinned	....	....	....	....	....	....	1	1
Pork Luncheon Meat—Tinned	....	....	....	....	....	....	1	—
Perry	....	....	....	....	....	....	1	—
Pickled Onions	....	....	....	....	....	....	1	—
Pork and Beef Sausage	....	....	....	....	....	....	1	—
Rum	....	....	....	....	....	....	1	—
Sage and Onion Stuffing	....	....	....	....	....	....	1	—
Sweets (Chocolate Bananas)	....	....	....	....	....	....	1	—
Sweets (Ball Gum)	....	....	....	....	....	....	1	—
Sweets (Bubble Gum)	....	....	....	....	....	....	1	—
Salad Cream	....	....	....	....	....	....	1	—
Stewed Steak	....	....	....	....	....	....	1	—
Tomatoes—Tinned	....	....	....	....	....	....	1	—
Vinegar—Malt	....	....	....	....	....	....	1	—
Whisky	....	....	....	....	....	....	3	—
							129	5

Particulars of Non-Standard Samples

No.	Sample	Result of Analysis	Remarks
1.	Stuffed Pork Roll—Tinned	Wrongly described as “Stuffed Pork Roll.”	Manufacturers Cautioned.
2.	Milk	Sub-standard but genuine milk deficient in solids-not-fat to the extent of 1.1 per cent.	No action.
3.	Milk	Deficient in fat to the extent of 33.0 per cent.	Verbal caution.
4.	Milk	Deficient in fat to the extent of 30.0 per cent.	Appeal to cow re Sample No. 3
5.	Milk	Sub-standard but genuine milk deficient in solids-not-fat to the extent of 5.9 per cent.	Farmer interviewed.

SECTION F.

DEATHS, INFECTIOUS AND OTHER DISEASES STATISTICS

1. Infectious Disease—Case Rates per 1,000 Population 1960

Provisional figures based on Quarterly Returns

Population 38,960.

	<i>Corrected Notifications</i>	<i>Runcorn Rural District Rates per 1,000 Population</i>
Scarlet Fever	42	1.07
Measles	326	8.36
Whooping Cough	71	1.82
Pneumonia	6	0.15
Poliomyelitis	—	0.00
Dysentery	2	0.05
Erysipelas	1	0.02
Encephalitis	—	0.00
Puerperal Pyrexia	2	0.05
Food Poisoning	2	0.05

2. Details of Cancer Deaths over the past five years.

<i>Year</i>	<i>Site</i>	<i>1-14</i>	<i>15-44</i>	<i>45-64</i>	<i>65-74</i>	<i>75 and over</i>	<i>Rate per 1,000 popu- lation</i>	<i>Total all ages M. F.</i>	
1956	Stomach	—	—	—	5	8	2.00	2	11
	Lungs, Bronchus	—	—	10	5	2		14	3
	Other Sites	—	1	14	14	15		26	18
1957	Stomach	—	—	3	6	7	2.40	11	5
	Lungs, Bronchus	—	1	5	5	2		11	2
	Other sites	—	—	20	21	20		25	36
1958	Stomach	—	—	2	4	8	2.14	11	3
	Lungs, Bronchus	—	—	4	3	2		9	—
	Other Sites	1	3	16	17	21		25	33
1959	Stomach	—	—	6	3	3	1.96	7	5
	Lungs, Bronchus	—	1	4	3	3		9	2
	Other Sites	—	1	22	15	14		26	26
1960	Stomach	—	—	4	2	3	1.43	3	6
	Lungs, Bronchus	—	—	12	4	2		16	2
	Other Sites	—	1	20	9	26		22	34

TUBERCULOSIS NOTIFICATIONS AND DEATHS

3. Particulars of the 8 new cases of tuberculosis and of the 1 death from the disease in the area during 1960.

<i>AGE PERIODS Years</i>	<i>NEW CASES</i>				<i>DEATHS</i>			
	<i>Respiratory</i>		<i>Non- Respiratory</i>		<i>Respiratory</i>		<i>Non- Respiratory</i>	
	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>
0-1	-	-	-	-	-	-	-	-
1-4	-	-	-	-	-	-	-	-
4-14	-	-	-	-	-	-	-	-
15-24	-(1)	1(3)	-	-	-	-	-	-
25-34	2(1)	2(2)	1	-	-	-	-	-
35-44	-	1	-	-	-	-	-	-
45-54	-	-	-	-	-	1	-	-
55-64	-	-(1)	-	-	-	-	-	-
65 upwards	1	-(1)	-	-	-	-	-	-
TOTALS ...	3(2)	4(7)	1	-	-	1	-	-

Figures in brackets relate to cases transferred from another district.

4. Tuberculosis cases on register. Comparative rates:

<i>Year</i>	<i>Estimated Population</i>	<i>Pulmonary</i>		<i>Non- Pulmonary</i>		<i>Total all Forms</i>	<i>No. per 1,000 of Population</i>
		<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>W.</i>		
1950	35,580	74	48	29	35	186	5.22
1951	35,510	79	55	25	34	193	5.43
1952	35,520	89	61	29	33	212	5.97
1953	35,800	93	67	27	30	217	6.06
1954	36,260	86	68	22	23	199	5.48
1955	36,810	91	63	20	20	194	5.02
1956	37,080	101	69	19	22	211	5.69
1957	37,470	104	79	17	22	222	5.92
1958	37,850	106	80	17	23	226	5.97
1959	38,140	109	77	16	23	225	5.89
1960	38,960	111	86	17	23	237	6.08

5. Infectious and Other Notifiable Diseases, 1960 Notifications

<i>Disease</i>	<i>Under 1</i>	<i>1 to 2</i>	<i>2 to 3</i>	<i>3 to 4</i>	<i>4 to 5</i>	<i>5 to 9</i>	<i>10 to 14</i>	<i>15 to 24</i>	<i>25 and over</i>	<i>Age unknown</i>	<i>Total</i>
Scarlet Fever	-	-	5	4	3	22	7	1	-	-	42
Measles	10	28	22	32	40	181	7	2	3	1	326
Whooping Cough	10	3	4	8	11	30	4	1	-	-	71
Pneumonia	-	-	1	-	-	1	-	-	4	-	6
Anterior Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-
Dysentery	-	-	-	1	-	-	-	-	1	-	2
Erysipelas	-	-	-	-	-	-	-	-	1	-	1
Encephalitis	-	-	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia	-	-	-	-	-	-	-	2	-	-	2
Food Poisoning	-	-	-	-	-	1	1	-	-	-	2
	20	31	32	45	54	235	19	6	9	1	452

6 Analysis of Deaths—1960 (Deaths assigned to Runcorn R.D.C.).

Cause of Death	AGE GROUP AND SEX														TOTALS ALL AGE GROUPS	
	Under 1 year		1 to 4 years		5 to 14 years		15 to 24 years		25 to 44 years		45 to 64 years		65 to 74 years		75 years and over	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Tuberculosis : Respiratory ..	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Tuberculosis : Other forms ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilitic Disease ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Diphtheria ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal Infections ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acute Poliomyelitis ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Infective and Parasitic diseases ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Malignant Neoplasm : Stomach ..	-	-	-	-	-	-	-	-	-	-	3	1	1	3	3	6
Malignant Neoplasm : Lungs, Bronchus ..	-	-	-	-	-	-	-	-	-	11	1	6	4	1	16	2
Malignant Neoplasm : Breast ..	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	10
Malignant Neoplasm : Uterus ..	-	-	-	-	-	-	-	-	-	-	6	1	-	1	-	2
Other Malignant & Lymphatic Neoplasms ..	-	-	-	-	-	-	-	-	1	-	7	1	3	12	22	22
Leukaemia ; Aleukaemia ..	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	2
Diabetes ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Vascular Lesions of nervous system ..	2	-	-	-	-	-	-	1	1	4	4	-	5	10	-	2
Coronary Disease ; Angina ..	-	-	-	-	-	-	-	-	-	22	6	8	15	20	22	24
Hypertension with Heart Disease ..	-	-	-	-	-	-	-	-	-	1	6	13	1	4	58	46
Other Heart Disease ..	-	-	-	1	-	-	-	-	-	3	1	2	1	3	6	6
Other Circulatory Disease ..	-	-	-	-	-	-	-	-	-	1	2	5	4	13	20	29
Influenza ..	-	-	-	-	-	-	-	-	-	-	1	1	1	9	11	9
Pneumonia ..	2	1	-	-	-	-	-	-	-	-	3	2	1	11	1	1
Bronchitis ..	-	-	-	-	-	-	-	-	-	6	-	-	1	6	14	15
Other Respiratory Diseases ..	-	-	-	-	-	-	-	-	-	-	-	-	1	2	13	5
Ulcer : Stomach and Duodenum ..	-	-	-	-	-	-	-	-	-	-	1	1	1	1	2	1
Gastritis, Enteritis and Diarrhoea ..	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2
Nephritis and Nephrosis ..	-	-	-	-	-	-	-	-	-	-	1	1	1	1	2	3
Hyperplasia of Prostate ..	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-
Pregnancy : Childbirth, abortion ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital Malformations ..	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Other defined and ill-defined diseases ..	5	2	-	1	-	-	-	-	-	4	1	1	-	20	15	27
Motor Vehicle Accidents ..	-	-	-	-	-	-	-	-	-	1	1	2	-	1	4	1
Other Accidents ..	-	-	-	-	-	-	-	1	-	-	-	-	-	8	4	10
Suicide ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Homicide ..	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
ALL CAUSES ..	10	4	-	1	-	1	2	2	4	4	64	48	39	47	101	233

Appendix "A"

C H E S H I R E C O U N T Y C O U N C I L

R U N C O R N D I V I S I O N A L H E A L T H C O M M I T T E E

R E P O R T

F O R T H E Y E A R

1 9 6 0

by the

D I V I S I O N A L M E D I C A L O F F I C E R O F H E A L T H

Presented to the

Runcorn Divisional Health Committee

21st March, 1961.

MEMBERS OF THE RUNCORN DIVISIONAL HEALTH COMMITTEE

CHAIRMAN :

Councillor J. W. Kirkham

DEPUTY CHAIRMAN :

County Councillor Miss M. J. Preece

REPRESENTATIVES OF LOCAL HEALTH AUTHORITY

County Alderman G. Astbury	Chairman, County Health Committee
County Councillor F. McBirnie	Vice-Chairman County Health Committee
„ „ A. Jones	
„ „ H. Mann	
„ „ A. E. Moors	
„ „ R. E. Payton	

RUNCORN RURAL DISTRICT COUNCIL REPRESENTATIVES :

Councillor H. R. Done	Councillor T. Rathbone
„ Mrs. J. A. Glover	„ Mrs. E. Stansfield
„ J. Hunt	„ Miss M. Whitlow
„ H. Jackson	„ J. W. Woods

RUNCORN URBAN DISTRICT COUNCIL REPRESENTATIVES :

Councillor T. Clare	Councillor T. B. Shallcross
„ A. Cooper	„ R. T. Spooner
„ H. Goodall	„ R. Williamson
„ H. Shacklady	

CO-OPTED MEMBERS :

Dr. E. R. Carter	Local Medical Committee for the County Palatine of Chester.
Miss T. E. Dudley	Cheshire County Nursing Asscn.
Councillor J. Tildsley	Runcorn Divisional Executive for Education.
Councillor W. H. Stubbs	Chester and District Hospital Management Committee.
Mrs. C. Evans	Mr. J. D. Whitley
Mrs. E. A. Royle	Mrs. J. C. Turner

OFFICERS :

Clerk to the Committee	Mr. T. J. Lewis
Divisional Medical Officer	J. L. Patterson, M.B., Ch.B., D.P.H.

**CHESHIRE COUNTY COUNCIL
RUNCORN DIVISIONAL HEALTH COMMITTEE**

**ANNUAL REPORT OF THE
DIVISIONAL MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1960**

INTRODUCTION

To the Chairman and Members of the Runcorn Divisional Health Committee :

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present this my Annual Report dealing with those portions of the Sections of Part III of the National Health Act, 1946, for which this Committee is responsible.

As in previous years the Report is sub-divided into the various sections of the Act and gives details of the work carried out during the year.

The Infant Welfare Centre at Grappenhall is very well attended. It is to be hoped that a new Centre will be built soon. The mothers and the staff certainly deserve one. The teaching of health, which is the proper function of these clinics, is much easier and more effective in surroundings which do not contradict the Health Visitors' teaching.

Immunisation. The state of primary immunisation against Diphtheria Pertussis and Tetanus is very satisfactory—about 90 per cent. of children being immunised. Arrangements are made for booster doses at school entry and again at 10 years of age. A very high proportion of parents take advantage of this opportunity, and many who do not, take their children to their own family doctor for "boosters." During the next year arrangements will be made to remind parents that children of two require a "booster" dose, particularly to maintain a satisfactory level of immunity against whooping cough. Regular clinics are held each month in the main centres of population throughout the district.

Poliomyelitis Vaccination has now been made available to everyone up to 40 years. In the younger age groups the response is excellent—90 per cent. In spite of efforts to raise the percentage in the 15-25 age group, this remains too low—30 per cent. In the

26-40 years age group the position is even less satisfactory. All the larger works in the district have co-operated in allowing their staff to be immunised at work. In these circumstances the response is much higher.

Domestic Help : The demand continues to rise, but owing to careful assessment, the total number of hours worked has fallen, although the number of cases attended has risen considerably.

I should like to thank the Chairman and Members of the Divisional Health Committee for their support and help to me on all occasions.

The co-operation and assistance of the County Medical Officer and his staff, the Clerk to the Divisional Health Committee, the staff in my Divisional Health office and the nursing staff in the Division, has been greatly appreciated.

I beg to remain,
Your Obedient Servant,
J. L. PATTERSON

Divisional Health Office.
36, Halton Road,
RUNCORN.

SECTION 22 (CARE OF MOTHERS AND YOUNG CHILDREN

There are seven Child Welfare Centres in the Division, three of which are held in County-owned premises (Runcorn, Frodsham and Stockton Heath) and four of which are held in premises rented by the County Council for the actual Sessions (Grappenhall, Helsby, Kingsley and Western Point).

The Infant Welfare Centres are as follows :—

FRODSHAM	Welfare Centre, The Rock	Alternate Tuesdays at 2 p.m.
GRAPPENHALL	Methodist Sunday School	Tuesdays at 2 p.m.
HELSEBY	British Insulated Callenders' Cables Works Recreation Room	Alternate Tuesdays at 2 p.m.
KINGSLEY	Hurst Chapel	Second and Fourth Wednesdays at 2 p.m.
RUNCORN	Welfare Centre, Halton Road	Wednesdays, 10 a.m. and 2 p.m.

STOCKTON	Welfare Centre,	Mondays, 2 p.m.
HEATH	65, Whitefield Road	
WESTON POINT	Russell Road Hall	First and Third Thursdays of month at 2 p.m.

In addition to Infant Welfare Clinics, Orthopædic, Ophthalmic, Dental and Minor Ailments Clinics are held at the Frodsham, Runcorn and Stockton Heath Centres during the month, and at Runcorn, Ante- and Post-Natal Clinics are also held each Thursday at 10 a.m. A Toddlers' Clinic on the second Thursday of the month, and Physiotherapy and Speech Therapy Clinics are held during the month. A Speech Therapy Clinic is now held each Thursday at the Stockton Heath Welfare Centre.

The Committee inspected the Welfare Centres at Runcorn, Frodsham and Stockton Heath, and the Day Nursery, Runcorn, on the annual inspection of County-owned and rented properties, and attention was given to alterations, repairs and replacements required.

DAY NURSERY

There is one Day Nursery in the Division, situated in Okell Street, Runcorn.

During the year, the average daily attendance of the Nursery was 29—an increase of one on the previous year.

Attendances at the various clinics held at the Welfare Centres and for the Day Nursery are given in the following tables :—

A. MOTHERS' CLINICS	NEW CASES	TOTAL ATTENDANCES
Ante-Natal	237	1,318
Post-Natal	—	13
Dental :		
Pre-Natal	13	53
Nursing Mothers	27	137
Dentures supplied ..		59

YOUNG CHILDREN'S CLINICS :

	NEW CASES	TOTAL ATTENDANCES
(i) INFANT WELFARE :		
To 1 year	809	7,506
1 to 2 years	—	873
2 to 5 years	—	1,135
	41	

(ii) SPECIALIST :

Ophthalmic (under 5)	36	88
Dental Treatment (under 5)	46	59

B. (i) WELFARE CENTRES :

				New Cases	Total Attendances		
				0—1	0—1	1—2	2—5
Frodsham	....	....	....	83	617	65	197
Grappenhall	....	....	....	175	2242	192	153
Helsby	....	....	....	84	779	175	210
Kingsley	....	....	....	23	158	49	46
Runcorn	....	....	....	242	2123	291	418
Stockton Heath	....	....	....	130	996	51	83
Weston Point	....	....	....	72	591	50	28
TOTALS				809	7506	873	1135

B. (ii) OPHTHALMIC CLINICS :

				NEW CASES	TOTAL ATTENDANCES
Frodsham	....	....	....	6	17
Runcorn	....	....	....	16	32
Stockton Heath	....	....	....	14	39
Totals	....	....	....	36	88

(iii) DAY NURSERY, RUNCORN :

				AVERAGE No. ATTENDING	TOTAL ATTENDANCES
Aged 0 — 2 years	....	....	....	8	2,029
2 — 5 years	....	....	....	21	5,067

SALE OF BRANDED WELFARE FOODS :

The sale of proprietary brands of Welfare Foods at Kingsley, Runcorn and Weston Point is carried out through my office. During the year, the total sales amounted to £1,029 19s. 6d. — a decrease of £65 over the previous year.

At Frodsham, Helsby, Grappenhall and Stockton Heath Clinics the sale of Welfare Foods is carried out by Voluntary Societies.

DISTRIBUTION OF WELFARE FOODS—M.O.F.

During the year no new distribution points were opened in the Division.

The following are details of the distribution points and commodities sold during the year :

CENTRE	COMMODITIES				
	N.D. Milk	Half Cream	Cod Liver Oil	A. & D. Capsules	Orange Juice
Runcorn	7044	439	1173	1088	9781
Alvanley	334	—	25	21	350
Appleton	730	—	61	22	301
Frodsham	2045	96	389	375	3386
Grappenhall	1648	4	374	274	2960
Halton	4	—	19	4	18
Helsby	601	11	175	205	1872
Kingsley	110	7	65	53	362
Manley	389	—	41	12	259
Moore	356	—	28	21	264
Norley	224	—	36	9	124
Preston Brook	201	—	75	38	186
Stockton Heath	996	—	330	339	2871
Sutton Weaver	270	—	50	4	165
Thelwall	187	—	29	26	232
Weston	443	—	37	22	285
Weston Point	1359	—	178	131	1184
Whitley	78	—	14	7	134
Total Issues	17019	557	3099	2651	24734
Issues to Institutions	3	—	72	—	54
Totals for Division	17022	557	3171	2651	24788

SECTION 23—MIDWIFERY

Under this Section the Committee are responsible for:—

- (i) Provision, where necessary, of accommodation for midwives and the maintenance, repair and alterations required for such premises :
- (ii) Provision of transport for midwives where necessary in cases of emergency.

Apart from the Midwives residing in 30, Georges Crescent, Grappenhall, and 10, Stanley Villas, Runcorn, all other County Midwives in the Division reside in their own homes.

During the year the Committee inspected the County-rented midwives properties, and repairs requiring attention were dealt with.

Transport and medical requisites were provided as and when required.

SECTION 24—HEALTH VISITING

The Committee are also responsible for the housing accommodation of Health Visitors. During the year one of the flats at No. 10, Stanley Villas, Runcorn, was occupied by one of the Runcorn Health Visitors. All other Health Visitors in the Division reside in their own homes.

SECTION 25—HOME NURSING

With the exception of the three District Nurses in Runcorn and one District Nurse/Midwife at Budworth and Helsby, who reside in their own homes, the remainder now reside in County-owned or rented property.

The Committee inspected all County-owned and rented properties in the Division, and action was taken regarding any alterations, repairs or renewals requiring attention.

SECTION 26—VACCINATION AND IMMUNISATION

Every effort was again made during the year to bring to the notice of parents the need to have their children vaccinated and immunised.

During the year facilities were made available to parents for their children to be immunised against diphtheria at school, especially for "booster" doses, and a total of 2,560 children were immunised at these special clinics.

The percentage of children in this Division immunised against diphtheria is now very high, being approximately 91 per cent.

Schools will be visited annually to immunise the yearly intakes.

The figures set out in the following tables, compiled from record cards received from medical practitioners, show the number of vaccinations and immunisations carried out during the year. For comparison purposes the figures for the previous year are also given :

VACCINATION

			<i>Welfare Centres</i>	<i>Doctor's Surgery</i>	<i>Patients' Homes</i>	<i>School Clinic</i>	<i>Total</i>
Primary	...	1960	48	396	5	—	449
		1959	93	648	14	—	755
Re-vaccination	...	1960	—	85	—	—	85
		1959	2	90	—	—	92

IMMUNISATION—PRIMARY

Diphtheria	...	1960	—	30	—	111	141
		1959	—	—	—	—	—
Combined Whooping Cough/Diphtheria and Tetanus	...	1960	114	627	2	—	743
		1959	168	864	61	—	1,093

IMMUNISATION—REINFORCING INJECTIONS

Diphtheria	...	1960	—	29	—	2,560	2,589
		1959	—	—	—	—	—
Combined Whooping Cough/Diphtheria and Tetanus	...	1960	24	403	3	—	430
		1959	35	183	33	—	251

VACCINATION AGAINST POLIOMYELITIS

Arrangements were made at the beginning of the year for all children and adults to be given their third injections.

Regular monthly day and evening sessions were held at the Frodsham, Grappenhall, Runcorn and Stockton Heath Welfare Centres for the necessary injections to be given.

The following are details of the numbers given their third injection since the scheme commenced :

Children 0 to 15 years	....	....	....	....	....	12,063
15 to 25 years	....	....	....	....	....	2,133
25 to 40 years	....	....	....	....	....	811

The percentage of children under 15 years vaccinated against poliomyelitis is very good, being over 90 per cent.

Vaccination was made available during the year for persons in the 25 to 40 years age group, but the number applying for vaccination was very small.

SECTION 27—AMBULANCE AND TRANSPORT SERVICE

There were no changes in the vehicle or personnel establishment during the year, but clinic ambulance TLG 538 was replaced by Bedford 117 JMA, and XMB 258 by Morris clinic ambulance 847 MMA.

One driver received a 10 years' safe driving medal; three received five years' safe driving medals; two a second bar to five years' medal, and five a one-year safe driving diploma.

The Committee inspected the Ambulance Station during the year and recommended certain small alterations and repairs.

On 1st December, 1960, this service was transferred from the control of this Division to the County Ambulance Service control.

Details of Journeys carried out direct by Ambulance Station

	<i>Bedford Ambs.</i>			<i>Bedford Clinics</i>			<i>Morris Clinic 847 MMA</i>	<i>Totals for Station</i>
	<i>PT U 296</i>	<i>835 BMB</i>	<i>XMB 268</i>	<i>116 JMA</i>	<i>117 JMA</i>	<i>XMB 258</i>		
Emergencies ..	44	315	156	47	27	12	1	602
Maternity ..	11	167	44	12	7	1	2	244
Accidents ..	16	161	73	11	14	3	2	280
Ord. Removals ..	202	371	438	43	31	22	18	1125
Sitting Cases ..	1459	938	1250	3874	3868	1651	1315	14355
Infectious Diseases ..	5	—	1	—	—	—	1	7
Total Patients ..	1737	1952	1962	3987	3947	1689	1339	16613
Total Journeys ..	470	930	598	747	733	406	186	4070
Service Journeys ..	8	4	2	42	37	5	13	111
Mileage ..	14827	22574	17539	29506	30873	12128	7839	135286
Service Mileage ..	123	55	38	560	443	61	193	1473
Petrol : Galls ..	1069	1650	1391	1413	1364	566	409	7862
Oil ..	74	190	179	101	115	167	26	852
Average M.P.G. ..	13.9	13.3	12.6	21.1	23.0	21.5	19.6	17.4

Details of Journeys carried out by Contractors

	<i>Total No. Journeys</i>	<i>No. of Patients</i>	<i>No. of Accident and Emergency Journeys</i>	<i>Total Mileage</i>
Ambulances ...	62	62	62	979
Cars... ..	480	601	—	12441

Details of all journeys made during the year as compared with the previous 12 months are as follows :

			Journeys	Patients	Emergencies	Mileage
Ambulance Journeys						
1960	....	....	2060	5713	1049	55919
1959	....	....	2064	5024	946	57179
Sitting Case Journeys						
1960	....	....	2552	11563	139	92787
1959	....	....	2947	7692	122	101273
Total all Journeys						
1960	....	....	4612	17276	1188	148706
1959	....	....	5011	12716	1068	158452
			<hr/>	<hr/>	<hr/>	<hr/>
Increase	....		—	4560	120	—
Decrease	....		399	—	—	9746

The majority of patients in the Division requiring transport attend hospitals in Chester, Liverpool and Warrington, and the average mileage per journey for the year was 33.2 compared with 31.6 for the previous year.

The arrangements between the County Council and the Warrington Corporation whereby the latter supplied ambulances for the conveyance of non-infectious cases from Stockton Heath and the surrounding district were continued during the year.

SECTION 28—PREVENTION OF ILLNESS, CARE AND AFTER-CARE. TUBERCULOSIS

The Health Visitors were informed of all new cases and asked to visit and complete the environmental report sheet, and where the patients had not attended the Chest Clinic for examination, they were advised to do so. Every effort was made to persuade the contacts to attend for examination.

On receipt of the completed report sheets, these were checked to ascertain what help was required.

During the year No. 3 Mass Radiography Unit visited Run-corn, Frodsham and Helsby.

Details of cases during the period 1st January to 31st December, 1960, are as follows :

					Pulmonary M.	F.	Non-Pulmonary M.	F.	TOTAL
(a) Total number of cases on register :									
1st January, 1960					183	135	19	26	363
31st December, 1960					182	139	19	27	367
					—	—	—	—	—
(b) Removals from register									
1st January to 31st December, 1960									
Died					2	—	—	—	2
Left District					2	2	—	—	4
Recovered					6	5	1	—	12
Lost sight of					—	—	—	—	—
					—	—	—	—	—
					10	7	1	—	18
					—	—	—	—	—
(c) No. of notifications received 1st January to 31st December, 1960									
New cases					5	4	1	—	10
Transfers					4	7	—	1	12
Restored to register					—	—	—	—	—
					—	—	—	—	—
					9	11	1	1	22
					—	—	—	—	—

B.C.G. VACCINATION

During the year parents of children in the 13 years of age group attending schools in the Division were given the opportunity of having them given B.C.G. vaccination, and I am pleased to report that there was a very good response, approximately 85 per cent. agreeing to the vaccination of their children.

The following schools were visited during the period under review :

Balfour Road Secondary Modern School, Runcorn.
Runcorn The Grange Secondary Modern School.
St. Edwards R.C. School, Runcorn.
Helsby County Grammar Schools (Boys and Girls).
Helsby Secondary Modern School.
Frodsham Secondary Modern School.
Kingsley Secondary Modern School.
Stockton Heath Secondary Modern School.
Stockton Lodge Private School, Stockton Heath.
Marlfield Private School, Grappenhall.
Grappenhall Hall Special School, Grappenhall.
Belmont Hall College, Great Budworth.

Details of the number of forms issued, tests carried out and B.C.G. given during the year are as follows :—

BEFORE VACCINATION

No. of consent forms issued	1,080
No. of children for whom consent received	855
No. Mantoux-tested	819
No. positive to Mantoux test	258
No. vaccinated with B.C.G.	526

AFTER B.C.G. VACCINATION

No. positive to follow-up Mantoux (12 months)	426
No. negative to follow-up Mantoux (12 months)	17

Following the Adrian Report on X-ray hazards, the practice of sending children under 15 to the Mass Miniature Radiography Unit was discontinued. Now, instead of X-raying all Mantoux-positive children, only those children with a strong positive Mantoux are X-rayed. These are done at the Chest Clinic by arrangements with Dr. Hughes. The parents of these children are also notified to attend for X-ray in an endeavour to find possible contacts. One infectious case of tuberculosis was found in a family contact during the year.

CARE OF THE AGED

During the year the County Council introduced the Chiropody Service, including certain categories of elderly people. At 31st December, 1960, there was a total of 302 patients receiving treatment.

The “Meals on Wheels” service proved very useful to the elderly who are housebound.

LOAN OF NURSING EQUIPMENT

Supplies of Nursing equipment, apparatus, etc., are available for loan to patients from stocks supplied to district nurses in accordance with the scale agreed to by the Cheshire County Council and my Committee. A reserve stock is also kept at my Divisional Office.

A patient borrowing equipment under the above heading is required to pay a deposit, which is refunded when the article is returned in good condition.

There has been an increased demand for this equipment during the year, and this service is much appreciated by those concerned.

CONVALESCENT HOME TREATMENT

The Committee has power to send persons in need of rest, but not nursing care, to convalescent homes. Two applications were received for such treatment during the year, and arrangements were made for treatment for a mother and her three children for five weeks, and two weeks for the other case.

Patients are required to pay towards the cost of their stay in these homes according to the scale laid down by the County Council.

HANDICAPPED PERSONS

A register of Handicapped Persons is kept in my office and the patients are visited by the health visitors to ascertain what assistance can be given to these persons, working in conjunction with the various voluntary societies, etc.

HEALTH EDUCATION

Health Education is a very important part of the Health Department's work, albeit a difficult one, and one whose degree of success is impossible to assess. Posters are displayed throughout the Division and pamphlets are distributed at the Welfare Centres.

An encouraging aspect of this work is the good attendances at the ante-natal classes at Stockton Heath and Runcorn. These young mothers are given talks on various aspects of health, and their interest and enthusiasm is very refreshing. This is undoubtedly a successful way of getting Health Education across to people.

The individual contact of Health Visitors in the course of their daily rounds remains the largest single factor in this work.

SECTION 29—DOMESTIC HELP SERVICE

The number of domestic helps employed at 31st December, 1960, was 48.

The number of cases provided with domestic help during the year increased from 168 to 193 — an increase of 25. The total number of hours domestic helps were supplied to cases during the year was 35,684 compared with 37,780 in 1959 — a decrease of 2,096 hours.

During the year the supply of domestic help in the Stockton Heath and Grappenhall areas greatly improved by the employment of local people, which resulted in a reduction in the amount paid out in travelling expenses.

The following table shows the types of case supplied with help during 1959 and 1960 :

Year	Confinement Cases	Tuberculosis Cases	Aged Persons	Cases of other Illness
1960	26	2	150	15
1959	22	2	128	16

At 31st December, 1960, there were 121 protracted cases remaining on the register—an increase of nine on the 1959 total.

During the year the Committee considered all cases supplied with the services of a domestic help.

